NC/QC/W1/2022-23/LO/PCC1 Date: 14-07-2023

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.

{Project*: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.}

Ref. Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	56.10	0 -20	30- 70
10mm	28.40	0 -5	10- 35
4.75mm	3.60	-----	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	99.60	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	84.30	60-95	75-100	85-100	
01.18	59.70	30-70	55-90	75-100	
600.mic	38.00	15-34	35-59	60-79	
300.mic	25.10	5-20	8-30	12-40	
150.mic	7.40	0-10	0-10	0-10	

The result of the materials tested meets the standards and hence can be used for the work.

RCC Drain Amdekar Samudhaya Bhavan Surrounding

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜಿ.ಬಿ.ಎ.ಪಿ. ಬೆಂಗಳೂರು-೧೮

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CE1 Date: 18-07-2023

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.}
Ref.: Material testing/PMC/22-23,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore
Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**163 min**	Shall not be less than 30 min
2	Final setting time	**278 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.73 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**1.96 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**28.43 N/Sq mm**	Shall not be less than 27 N/Sqmm

The result of the materials tested meets the standards and hence can be used for the work.
RCC Drain Raft Amdekar Samudhaya Bhavan Ch-0.00 to 30.00m

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ ಕಛೇರಿ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/FA1 **Date: 18-07-2023**

1. TESTING OF FINE AGGREGATES :

Sub: Testing of Fine Aggregates.

{Project*: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.}

Ref.: Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

TABLE - 1.1 : SIEVE ANALYSIS

IS Sieve Size,mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -II	
04.75	96.20	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	78.50	60-95	75-100	85-100	
01.18	59.80	30-70	55-90	75-100	
600. mic	40.40	15.34	35-59	60-79	
300.mic	13.60	5-20	8-30	12-40	
150.mic	6.70	0-10	0-10	0-10	

TABLE 1.2 ;

Sl No	Test Conducted	Sample	Results	Requirements as Per IS. Specification IS :383-1970 (Reaffirmed 2002)
1	Bulking of Sand	001	18.62 %	-----
2	Silt Content	----	0.64 %	Not more than 8%
3	Specific Gravity	----	2.61	-------

The result of the materials tested meets the standards and hence can be used for the work.

RCC Drain Raft Amdekar Samudhaya Bhavan Ch-0.00 to 30.00

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜಿ.ಬಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CA1 Date: 18-07-2023

1. TESTING OF COARSE AGGREGATES (20 mm):

Sub: Testing of Construction Materials.

{Project*: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.}

Ref.: Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

Table - 1.1 : SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2002) % Passing	
	20 mm Sample	Single size	Graded
40 mm	100.00	100.00	100.00
20 mm	97.50	85-100	90 - 100
10 mm	53.10	0 - 20	25 - 55
4.75 mm	8.80	0 - 5	0 - 10

TABLE 1.2

SL No	Test conducted	Results	Requirements as per IS 383-1970 & Tests Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2002)
1.	Flakiness Index	23.50 %	Not to exceed 25 %
2.	Crushing value	28.60 %	Not to exceed 45 % for concrete other than for wearing surfaces and 30% for concrete for wearing surfaces

The result of the materials tested meets the standards and hence can be used for the work.

RCC Drain Raft Amdekar Samudhaya Bhavan Ch-0.00 to 30.00

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/S1 **Date: 18-07-2023**

I. TEST REPORT ON REINFORCEMENT STEEL:

Sub: Testing of Reinforcement Steel of diameter 10 and 12 mm **TMT Steel.**

{Project*: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy No5) in ward no. 01, 03,04 and 05.}

Ref.: Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

TABLE – 1

SL No	Details	For 10 mm		For 12 mm	
		Test Results	Min Req. as per IS 1786-2008	**Test Results**	Min Req. as per IS 1786-2008
01	Observed diameter of bar	**10.0 mm**	10.0 mm	**12.0 mm**	10.0 mm
02	Observed Wt/m Length **Kg/m**	**0.618**	0.567	**0.896**	0.854
03	Proof stress/Yield stress, fy , **N/mm²**	**528.0**	500.0	**537.0**	500.0
04	Bend/ Re bend Test	**Ok**	---	**Ok**	---
05	Percentage of Elongation, %	**21.70**	12.00	**21.30**	12.00
06	Ultimate Tensile Strength **N/mm²**	**636.0**	545.0	**642.0**	545.0

The result of the materials tested meets the standards and hence can be used for the work.

RCC Drain Raft Amdekar Samudhaya Bhavan Ch-0.00 to 30.00

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/SSM1 Date: 11-08-2023

1.TESTING OF STONE SAMPLE :

Sub: Testing of Size stone.

{Project*: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.}

Ref. Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

Technical Reference: IS 1121(Part 1) -1974 (R.A on 1998)

Table 1.1 :

SL No	Details of Tests	Observed Value	Normal Values
01	Compressive Strength	**1329.00** Kg/ Sqcm	Not less than 1000.00 Kg/Sqcm
02	Water absorption,%	**0.48 %**	Not more than 2.0 %

Location- Amdekar Samudhaya Bhavan

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/SB2 Date: 08-09-2023

1. TEST REPORT ON PRE –CAST SOLID BLOCKS:

Sub: Testing of Pre-Cast Solid Block- Compressive strength.

{Project*: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.}

Ref. Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON PRE CAST(Solid Blocks)

BLOCK SPECIMENS

TABLE 1. 1:

Sl No.	Dimensions of Specimen mm	Details	Cross Sectional Area mm^2	Maximum Load in KN	Compressive Strength N/mm^2	Average Compressive Strength N/mm^2
1	400 X 200 X 200	**Solid**	80000	355	4.44	**4.29**
2	"	"	80000	335	4.19	
3	"	"	80000	340	4.25	

Location- Amdekar Samudhaya Bhavan

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬ.ಬ.ಮಂ.ಪ. ಬೆಂಗಳೂರು-೧೦೬

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CB2

Date: 01-08-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.}

Ref. Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	25-07-23	01-08-23	07	22500	325	14.44	**14.81**
	002	"	"	"	"	335	14.89	
	003	"	"	"	"	340	15.11	

The result of the materials tested meets the standards and hence can be used for the work

RCC Drain Wall Amdekar Samudhaya Bhavan Surrounding Ch-30.00 to 60.00m

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CB3

Date: 03-08-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.}
Ref. Material testing/PMC/22-23,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	27-07-23	03-08-23	07	22500	335	14.89	**14.96**
	002	"	"	"	"	330	14.67	
	003	"	"	"	"	345	15.33	

The result of the materials tested meets the standards and hence can be used for the work.
RCC Culvert Raft SFS 407 1st Main Road

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎ.ಪಿ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CB4

Date: 04-08-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.}

Ref. Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	28-07-23	04-08-23	07	22500	365	16.22	15.70
	002	"	"	"	"	345	15.33	
	003	"	"	"	"	350	15.56	

The result of the materials tested meets the standards and hence can be used for the work.

RCC Culvert Raft SFS 407 Back Side Vinayaka Temple[Near Drugha Printer]

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜ.ಜ.ಎಂ.ಕ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CB5

Date: 08-08-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.}

Ref. Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	01-08-23	08-08-23	07	22500	320	14.22	**14.30**
	002	"	"	"	"	315	14.00	
	003	"	"	"	"	330	14.67	

The result of the materials tested meets the standards and hence can be used for the work.

RCC Culvert wall SFS 3rd A Cross Rd

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜ.ಪ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANT Bangalore

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NEW TECHNOLOGIES TO INNOVATE

NC/QC/W1/2022-23/LO/CB6

Date: 10-08-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no 01, 03,04 and 05.}

Ref. Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	02-08-23	10-08-23	07	22500	325	14.44	14.96
	002	"	"	"	"	350	15.56	
	003	"	"	"	"	335	14.89	

The result of the materials tested meets the standards and hence can be used for the work.

RCC Culvert wall CHS 707 2nd Main MIG [G.S Enterprises Rd]

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-105

NEWZEN CONSULTANTS Bangalore

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/W1/2022-23/LO/PCC2

Date: 01-08-2023

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.

[Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.]

Ref. Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	62.70	0 -20	30- 70
10mm	30.90	0 -5	10- 35
4.75mm	4.40	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	95.20	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	81.50	60-95	75-100	85-100	
01.18	74.10	30-70	55-90	75-100	
600.mic	39.40	15-34	35-59	60-79	
300.mic	26.90	5-20	8-30	12-40	
150.mic	8.00	0-10	0-10	0-10	

The result of the materials tested meets the standards and hence can be used for the work.

Amdekar Samudhaya Bhavana PCC

ಶಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS Bangalore

TABLE – 2

	Details	For 12 mm		For 16 mm	
		Test Results	Min Req. as per IS 1786-2008	Test Results	Min Req. as per IS 1786-2008
1	Observed diameter of bar	**12.0 mm**	12.0 mm	**16.0 mm**	16.0 mm
2	Observed Wt/m Length Kg/m	**0.898**	0.834	**1.593**	1.483
3	Proof stress/Yield stress, fy , N/mm^2	**551.0**	500.0	**544.0**	500.0
4	Bend/ Re bend Test	**Ok**	---	**Ok**	---
5	Percentage of Elongation, %	**21.30**	16.00	**19.10**	16.00
6	Ultimate Tensile Strength N/mm^2	**645.0**	565.0	**611.0**	565.0

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ,
ಜ.ಜ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS Bangalore

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/W1/2022-23/LO/CB1A

Date: 05-09-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
(Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05 }
Ref. Material testing/PMC/22-23,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/ mm^2)	Avg. Value
1	001	08-08-23	05-09-23	28	22500	620	27.56	26.96
	002	"	"	"	"	595	26.44	
	003	"	"	"	"	605	26.89	

The result of the materials tested meets the standards and hence can be used for the work.
Amdekar Samudhaya Bhavana Footing

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೮

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CB3

Date: 21-08-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05 }

Ref. Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	14-08-23	21-08-23	07	22500	495	22.00	**21.48**
	002	"	"	"	"	470	20.89	
	003	"	"	"	"	485	21.56	

The result of the materials tested meets the standards and hence can be used for the work.

Amdekar Samudhaya Bhavana Column Upto Plinth

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10ರ

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CB4

Date: 25-08-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub Testing of Concrete Cubes (for 07days Compressive Strength).
{Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.}
Ref. Material testing/PMC/22-23,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore
Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	18-08-23	25-08-23	07	22500	470	20.89	**20.89**
	002	"	"	"	"	460	20.44	
	003	"	"	"	"	480	21.33	

The result of the materials tested meets the standards and hence can be used for the work.
Amdekar Samudhaya Bhavana Plinth Beam

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜ ಜ.ಎಂ.ಕ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CB5A

Date: 21-09-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

(Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.)

Ref. Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	24-08-23	21-09-23	28	22500	630	28.00	**27.63**
	002	"	"	"	"	615	27.33	
	003	"	"	"	"	620	27.56	

The result of the materials tested meets the standards and hence can be used for the work.

Amdekar Samudhaya Bhavana Column Above Plinth Beam

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106.

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CB6A

Date: 30-01-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

(Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.)

Ref. Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	24-08-23	21-09-23	28	22500	625	27.78	**27.56**
	002	"	"	"	"	615	27.33	
	003	"	"	"	"	620	27.56	

The result of the materials tested meets the standards and hence can be used for the work.

Amdekar Samudhaya Bhavana Column Above Plinth Beam

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS * Bangalore *

NC/QC/W1/2022-23/LO/CB7A

Date: 14-10-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy No5) in ward no. 01, 03,04 and 05.}
Ref. Material testing/PMC/22-23,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	16-09-23	14-10-23	28	22500	620	27.56	26.89
	002	"	"	"	"	595	26.44	
	003	"	"	"	"	600	26.67	

The result of the materials tested meets the standards and hence can be used for the work.
Amdekar Samudhaya Bhavana Roof Beam

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CB9

Date: 23-09-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
(Project*: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.)
Ref. Material testing/PMC/22-23,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	16-09-23	23-09-23	07	22500	480	21.33	**21.48**
	002	"	"	"	"	475	21.11	
	003	"	"	"	"	495	22.00	

The result of the materials tested meets the standards and hence can be used for the work.
Amdekar Samudhaya Bhavana Roof Beam

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CB9A

Date: 14-10-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
(Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.
Ref. Material testing/PMC/22-23,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	16-09-23	14-10-23	28	22500	620	27.56	**26.96**
	002	"	"	"	"	595	26.44	
	003	"	"	"	"	605	26.89	

The result of the materials tested meets the standards and hence can be used for the work.
Amdekar Samudhaya Bhavana Roof Beam

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಪಿ.ಪಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು.

NEWZEN CONSULTANTS Bangalore

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/W1/2022-23/LO/CB10A

Date: 14-10-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

(Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 0

Ref. Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	16-09-23	14-10-23	28	22500	605	26.89	**27.41**
	002	"	"	"	"	625	27.78	
	003	"	"	"	"	620	27.56	

The result of the materials tested meets the standards and hence can be used for the work.

Ambedkar Samudhaya Bhavana Roof Beam

ಶಕಾಯುಕ ಎಂಜಿನಿಯರ್ ಅವರ ಕಛೇರಿ
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಬಿಬಿಎಂಪಿ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CB11 Date: 26-09-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

(Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 0

Ref: Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	19-09-23	26-09-23	07	22500	505	22.44	22.07
	002	"	"	"	"	490	21.78	
	003	"	"	"	"	495	22.00	

The result of the materials tested meets the standards and hence can be used for the work.

Amdekar Samudhaya Bhavana Chajja GF

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ ಕಛೇರಿ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS * Bangalore *

NCQC/W1/2022-23/LO/CB12A

Date: 17-10-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
(Project*: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4 Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kamakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05.)
Ref. Material testing/PMC/22-23,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{25}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	19-09-23	17-10-23	28	22500	580	25.78	26.59
	002	"	"	"	"	605	26.89	
	003	"	"	"	"	610	27.11	

The result of the materials tested meets the standards and hence can be used for the work.
Amdekar Samudhaya Bhavana Chajja FF

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CB1

Date: 19-09-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub Testing of Concrete Cubes (for 07days Compressive Strength).

(Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy No5) in ward no. 01, 03,04 and

Ref. Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	12-09-23	19-09-23	07	22500	470	20.89	**21.19**
	002	"	"	"	"	485	21.56	
	003	"	"	"	"	475	21.11	

The result of the materials tested meets the standards and hence can be used for the work.

Inside Attur Lake Ch-0.00m to 15.00m

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-೫೬

NEWZEN CONSULTANTS Bangalore

C/QC/W1/2022-23/LO/CB2 Date: 19-09-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub Testing of Concrete Cubes (for 07days Compressive Strength).
(Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahank Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and
Ref. Material testing/PMC/22-23,
Report Required for Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	12-09-23	19-09-23	07	22500	475	21.11	**21.48**
	002	"	"	"	"	485	21.56	
	003	"	"	"	"	490	21.78	

The result of the materials tested meets the standards and hence can be used for the work
Inside Attur Lake Ch-15.00m to 30.00m

ಶಕಾಯಕ ಕಾರ್ಯನಿರ್ವಹಣಾಧಿಕಾರಿಗಳ ಕಚೇರಿ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-೫೬೦ ೦೬೪

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CB3 Date: 19-09-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
Project*: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and
Ref.: Material testing/PMC/22-23,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	12-09-23	19-09-23	07	22500	500	22.22	21.85
	002	"	"	"	"	490	21.78	
	003	"	"	"	"	485	21.56	

The result of the materials tested meets the standards and hence can be used for the work.
Inside Attur Lake Ch–30.00m to 45.00m

NEWZEN CONSULTANTS Bangalore

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/W1/2022-23/LO/CB4

Date: 19-09-2023

I. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

Project*: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and (

Ref: Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	12-09-23	19-09-23	07	22500	465	20.67	21.04
	002	"	"	"	"	475	21.11	
	003	"	"	"	"	480	21.33	

The result of the materials tested meets the standards and hence can be used for the work.

Inside Attur Lake Ch–45.00m to 60.00m

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS Bangalore

NC/QC/W1/2022-23/LO/CB5A

Date: 10-10-2023

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and (

Ref: Material testing/PMC/22-23,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub division,
BBMP, Bangalore

Name of the Agency/Contractor*: Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	12-09-23	10-10-23	28	22500	705	31.33	31.41
	002	"	"	"	"	720	32.00	
	003	"	"	"	"	695	30.89	

The result of the materials tested meets the standards and hence can be used for the work.

Inside Attur Lake Ch--60.00m to 80.00m

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಜಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS Bangalore

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/W1/2023-24/LO/S1 **Date:07-09-2023**

TESTREPORT

Sub:TestingofPre-castMaterial-PrecastSlab(100mmthick).

{Project' Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout Yelahanka 4Waste Weir and SamudayaBhavana at Ambedkarnagara and Additional floor to Someswara temp SamudayaBhavana and KanakanagaraSamudayabhavana, Additional Improvements to Garadi mane and Developmental Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in wa no 01, 03,04 and 05.}

Ref.Materialtesting/PMC/22-23,

ReportRequiredfor:AssistantExecutiveEngineer,
Yelahanka Sub division,
BBMP,Bangalore.

Nameofthe Agency/Contractor*:Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

1. PHYSICALTESTSON PRECASTSLAB:

Dia ofCore D (mm)	Height ofCore H (mm)	Core Wt(Kg)	Density of Core(kg /m^3)	H /D	Correction factor(Based onH/D)	Failure Load(kN)	CoreStrength(N /mm^2)	Correction Factor forthe Dia.(Strength ofthe Core x1.08)	Corrected CylinderCompressive Strength(N /mm^2)	EquivalentCubeCompressiveStrength (N/mm^2)
50.00	90.00	0.410	2320.13	1.80	0.960	38.40	19.56	21.12	20.28	25.35
50.00	90.00	0.420	2376.71	1.80	0.960	39.10	19.91	21.51	20.65	25.81
50.00	90.00	0.400	2263.54	1.80	0.960	38.70	19.71	21.29	20.44	25.54

Theresultof thematerials testedmeets thestandards andhencecanbeusedforthework.

SampleCollectedSite:AmdekarSamudhyaBhavana Surrounding

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಸಂಖ್ಯೆ
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NEW TECHNOLOGIES TO INNOVATE

NC/QC/W1/2023-24/LO/S1

Date:07-09-2023

TESTREPORT

Sub TestingofPre-castMaterial-PrecastSlab(100mmthick).

(Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4Waste Weir and SamudayaBhavana at Ambedkarnagara and Additional floor to Someswara temple SamudayaBhavana and KanakanagaraSamudayabhavana, Additional Improvements to Garadi mane and Developmental Of Inforance Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05 }

Ref.Materialtesting/PMC/22-23,

ReportRequiredfor:AssistantExecutiveEngineer,
Yelahanka Sub division,
BBMP,Bangalore.

Nameofthe Agency/Contractor*:Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

I. PHYSICALTESTSON PRECASTSLAB:

Dia ofCor eD (mm)	Height ofCor eH (mm)	Core Wt(K g)	Density of Core(k g /m^3)	H /D	Correction factor(Bas ed onH/D)	Failure Load(k N)	CoreSt rength(N /mm^2)	Correction Factor forthe Dia.(Streng th ofthe Core x1.08)	Corrected CylinderC ompressive Strength(N /mm^2)	EquivalentC ubeCompres siveStrength (N/mm^2)
90.00	90.00	0.410	2320.13	1.80	0.960	38.40	19.56	21.12	20.28	25.35
90.00	90.00	0.420	2376.71	1.80	0.960	39.10	19.91	21.51	20.65	25.81
90.00	90.00	0.400	2263.54	1.80	0.960	38.70	19.71	21.29	20.44	25.54

Theresultof thematerials testedmeets thestandards andhencecanbeusedforthework.

SampleCollectedSite:AmdekarSamudhyaBhavana Surrounding

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
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NCQC/WI.)22-23/LO /DS1

Date:08-09-2023

TESTREPORT

Sub TestingofPre-castMaterial-PrecastSlab(230mmthick).

Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka 4Waste Weir and SamudayaBhavana at Ambedkarnagara and Additional floor to Someswara temple SamudayaBhavana and KanakanagaraSamudayabhavana, Additional Improvements to Garadi mane and Developmental Of Balarnace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no 01, 03,04 and 05 }

Ref.Materialtesting/PMC/22-23,

ReportRequiredfor:AssistantExecutiveEngineer,
Yelahanka Sub division,
BBMP,Bangalore.

Nameofthe Agency/Contractor* :Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

I.PHYSICALTESTSONPRECAST SLAB:

Dia ofCor eD (mm)	Height ofCor eH (mm)	Core Wt(K g)	Density of Core(k g /m^3)	H /D	Correction factor(Bas ed onH/D)	Failure Load(k N)	CoreSt rength(N /mm^2)	Correction Factor forthe Dia.(Streng th ofthe Core x1.08)	Corrected CylinderC ompressive Strength(N /mm^2)	EquivalentC ubeCompres siveStrength (N/mm^2)
100.00	180.00	3.310	2341.35	1.80	0.960	153.80	19.58	21.15	20.30	25.38
100.00	180.00	3.340	2362.57	1.80	0.960	155.10	19.75	21.33	20.47	25.59
100.00	180.00	3.320	2348.42	1.80	0.960	154.50	19.67	21.25	20.40	25.49

Theresultof thematerials testedmeets thestandards andhencecanbeusedforthework.

SampleCollectedSite:SFS 407 3rd A Cross Rd

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NEW TECHNOLOGIES TO INNOVATE

NC/QC/W1/2023-24/LO/K1 Date:12-09-2023

TESTREPORT

Sub:TestingofPre-castMaterial-KerbStones.

(Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout T Yelahanka 4Waste Weir and SamudayaBhavana at Ambedkarnagara and Additional floor to Someswara temp SamudayaBhavana and KanakanagaraSamudayabhavana, Additional Improvements to Garadi mane and Developmental W Balance Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in war no 01, 03,04 and 05.)

Ref.:Materialtesting/PMC/22-23,

ReportRequiredfor:AssistantExecutiveEngineer,
Yelahanka Sub division,
BBMP,Bangalore.

Nameofthe Agency/Contractor*:Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

I.PHYSICALTESTSONKERBSTONES :

Dia ofCored (mm)	Height ofCoreH (mm)	Core Wt(Kg)	Density of Core(kg /m^3)	H /D	Correction factor(Based onH/D)	Failure Load(kN)	CoreStrength(N /mm^2)	Correction Factor forthe Dia.(Strength ofthe Core x1.08)	Corrected CylinderCompressive Strength(N /mm^2)	EquivalentCubeCompressiveStrength (N/mm^2)
50.00	85.00	0.395	2366.73	1.70	0.960	32.00	16.30	17.60	16.90	21.12
50.00	85.00	0.393	2354.74	1.70	0.960	32.70	16.65	17.99	17.27	21.58
50.00	85.00	0.384	2300.82	1.70	0.960	32.40	16.50	17.82	17.11	21.39

Theresultof thematerials testedmeets thestandards andhencecanbeusedforthework.

SampleCollectedSite:Inside Attur Lake

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎ.ಸಿ. ಬೆಂಗಳೂರು-064

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/W1/2023-24/LO/K2

Date:13-09-2023

TESTREPORT

Sub:TestingofPre-castMaterial-KerbStones.

(Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout Yelahanka 4Waste Weir and SamudayaBhavana at Ambedkarnagara and Additional floor to Someswara temp SamudayaBhavana and KanakanagaraSamudayabhavana, Additional Improvements to Garadi mane and Developmental Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in wa no 01, 03,04 and 05.)

Ref.:Materialtesting/PMC/22-23,

ReportRequiredfor:AssistantExecutiveEngineer,
Yelahanka Sub division,
BBMP,Bangalore.

Nameofthe Agency/Contractor*:Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

1.PHYSICALTESTSONKERBSTONES :

Dia ofCor eD /mm)	Height ofCor eH (mm)	Core Wt(K g)	Density of Core(k g /m^3)	H /D	Correction factor(Bas ed onH/D)	Failure Load(k N)	CoreSt rength(N /mm^2)	Correction Factor forthe Dia.(Streng th ofthe Core x1.08)	Corrected CylinderC ompressive Strength(N /mm^2)	EquivalentC ubeCompres siveStrength (N/mm^2)
50.00	85.00	0.387	2318.79	1.70	0.960	31.50	16.04	17.33	16.63	20.79
50.00	85.00	0.395	2366.73	1.70	0.960	31.90	16.25	17.55	16.84	21.06
50.00	85.00	0.390	2336.77	1.70	0.960	32.30	16.45	17.77	17.06	21.32

Theresultof thematerials testedmeets thestandards andhencecanbeusedforthework.

SampleCollectedSite:Inside Attur Lake

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಚೇರಿ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

/QC/W1/2023-24/LO/K3 Date:14-09-2023

TESTREPORT

ub:TestingofPre-castMaterial-KerbStones.
roject* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout elahanka 4Waste Weir and SamudayaBhavana at Ambedkarnagara and Additional floor to Someswara ter amudayaBhavana and KanakanagaraSamudayabhavana, Additional Improvements to Garadi mane and Developmental alanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy No5) in w s 01, 03,04 and 05.}
Ref.:Materialtesting/PMC/22-23,
ReportRequiredfor:AssistantExecutiveEngineer,
Yelahanka Sub division,
BBMP,Bangalore.
Nameofthe Agency/Contractor*:Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

I.PHYSICALTESTSONKERBSTONES :

Dia Cor eD mm)	Height ofCor eH (mm)	Core Wt(K g)	Density of Core(k g /m^3)	H /D	Correction factor(Bas ed onH/D)	Failure Load(k N)	CoreSt rength(N /mm^2)	Correction Factor forthe Dia.(Streng th ofthe Core x1.08)	Corrected CylinderC ompressive Strength(N /mm^2)	EquivalentC ubeCompre siveStrengt (N/mm^2)
0.00	85.00	0.385	2306.81	1.70	0.960	33.00	16.81	18.15	17.43	21.78
0.00	85.00	0.388	2324.79	1.70	0.960	32.70	16.65	17.99	17.27	21.58
0.00	85.00	0.392	2348.75	1.70	0.960	32.90	16.76	18.10	17.37	21.72

Theresultof thematerials testedmeets thestandards andhencecanbeusedforthework.
SampleCollectedSite Inside Attur Lake

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANTS Bangalore

NCI/QC/W1/2023-24/LO/K4

Date:16-09-2023

TESTREPORT

Sub TestingofPre-castMaterial-KerbStones.

/Project* Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout
Yelahanka 4Waste Weir and SamudayaBhavana at Ambedkarnagara and Additional floor to Someswara temp
SamudayaBhavana and KanakanagaraSamudayabhavana, Additional Improvements to Garadi mane and Developmental
Balance Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in wa
No.01, 03,04 and 05.}

Ref. Materialtesting/PMC/22-23,

ReportRequiredfor:AssistantExecutiveEngineer,
Yelahanka Sub division,
BBMP,Bangalore.

Nameofthe Agency/Contractor*:Sri. SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)

1.PHYSICALTESTSONKERBSTONES :

Ba ffle ar (0 mm)	Height ofCor eH (mm)	Core Wt(K g)	Density of Core(k g /m^3)	H /D	Correction factor(Bas ed onH/D)	Failure Load(k N)	CoreSt rength(N /mm^2)	Correction Factor forthe Dia.(Streng th ofthe Core x1.08)	Corrected CylinderC ompressive Strength(N /mm^2)	EquivalentC ubeCompres siveStrength (N/mm^2)
0160	85.00	0.405	2426.64	1.70	0.960	32.80	16.70	18.04	17.32	21.65
0160	85.00	0.395	2366.73	1.70	0.960	32.50	16.55	17.88	17.16	21.45
0160	85.00	0.390	2336.77	1.70	0.960	32.10	16.35	17.66	16.95	21.19

Theresultof thematerials testedmeets thestandards andhencecanbeusedforthework.

SampleCollectedSite:Inside Attur Lake

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-೫೯

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